AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A [[S]]system for networking aeronautical equipment on board an aircraft characterized in that it comprises comprising, for each equipment item, an object-oriented interface (1, 2; 3, 4) with object aspect means (1, 3), enabling it to recognize the onboard equipment to which it is assigned [[,]] as an object [[,]] in the object-oriented programming sense, capable of communicating with other objects in the object-oriented programming sense according to an object-oriented client/server model and with observer means (2, 4) recording the events resulting from operation of the equipment.

2. (currently amended): The [[S]]system according to Claim 1, characterized in that wherein, said [[an]] object-oriented interface (1, 2; 3, 4) comprises an object aspect (1, 3) provided with subscription-based communication services.

3. (currently amended): The [[S]]system according to Claim 1, characterized in that wherein, said object-oriented interfaces (1, 2; 3, 4; 52, 53) comply with a multi-vendor distributed applications protocol.

4. (currently amended): The [[S]]system according to Claim 1, characterized in that wherein, said [[the]] object-oriented interfaces (1, 2; 3, 4; 52, 53) comply with the CORBA standard devised by the [["]]Object Management Group[["]].

5. (currently amended): <u>The</u> [[S]]<u>s</u>ystem according to Claim 1, ~~characterized in that the~~ <u>wherein said</u> object-oriented interfaces ~~(1, 2; 3, 4; 52, 53)~~ comply with the Java Remote Method Invocation protocol <u>.</u> ~~devised by Sun Microsystems, Java being a registered trademark of the latter company.~~

6. (currently amended): <u>The</u> [[S]]<u>s</u>ystem according to Claim 1, ~~characterized in that the~~ <u>wherein said</u> object-oriented interfaces ~~(1, 2; 3, 4; 52, 53)~~ comply with the Simple Object Access Protocol devised by the [["]]World Wide Web Consortium[["]].

7. (currently amended): <u>The</u> [[S]]<u>s</u>ystem according to Claim 1, ~~characterized in that the~~ <u>wherein said</u> object-oriented interfaces ~~(1, 2; 3, 4)~~ intercommunicate via an object ~~in the object-oriented programming sense,~~ called an adapter object ~~(9, 9'),~~ provided with means of adapting the format of the messages and events generated by the object-oriented interfaces so that they can be understood by the recipient object-oriented interface.

8. (currently amended): <u>The</u> [[S]]<u>y</u>stem according to Claim 7, ~~characterized in that~~ <u>wherein</u> it includes a configuration object ~~(15, 15')~~ recognizing all the objects, ~~in the object-oriented programming sense,~~ of the network and all the services, and handling the creation of the adapter objects ~~(9, 9')~~.

9. (currently amended): <u>The</u> [[S]]<u>y</u>stem according to Claim 7, ~~characterized in that~~ <u>wherein</u> an adapter object ~~(9, 9')~~ complies with the CORBA standard devised by the [["]]Object Management Group[["]].

10. (currently amended): <u>The</u> [[S]]<u>y</u>stem according to Claim 7, ~~characterized in that~~ <u>wherein</u> an adapter object ~~(9, 9')~~ complies with the Java Remote Method Invocation protocol<u>.</u> ~~devised by Sun Microsystems, Java being a registered trademark of the latter company.~~

11. (currently amended): The [[S]]ystem according to Claim 7, ~~characterized in that~~ wherein an adapter object ~~(9, 9')~~ complies with the Simple Object Access Protocol devised by the [["]]World Wide Web Consortium[["]].

12. (currently amended): The [[S]]ystem according to Claim 1, used in an avionics system comprising a dedicated aeronautical bus [[(51)]], ~~characterized in that the~~ wherein said object-oriented interfaces ~~(52, 53)~~ are connected to their assigned equipment items via the dedicated aeronautical bus [[(51)]].

13. (currently amended): The [[S]]ystem according to Claim 1, used in an avionics system comprising a dedicated aeronautical bus [[(51)]], ~~characterized in that the~~ wherein object-oriented interfaces ~~(1, 2; 52, 53)~~ intercommunicate via the dedicated aeronautical bus ~~(51)~~.

14. (currently amended): The [[S]]ystem according to Claim 1, ~~characterized in that~~ wherein one of the aeronautical equipment items is an air traffic collision avoidance system TCAS and another aeronautical equipment item is a flight computer FMS.